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# Design of a Miniature Heart and Lung Monitor for Protection Against SIDS

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**Design of a Miniature Heart  
and Lung Monitor for Protection  
Against SIDS:  
A Report  
by  
Kenneth D. Vorndran  
April 28, 2003**

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## **ABSTRACT**

This paper will discuss the creation of a heart and lung monitor for the protection against SIDS. A review of recent technical literature on the problem of SIDS; what is SIDS, causes, and how to prevent SIDS. The paper will go into design aspects for the proposed monitor for doctors and parents. The design of the circuitry will be discussed in detail. It will also discuss the methods used to monitor heart and lung function. The paper will also sum up the reasons for this project and the benefits.

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